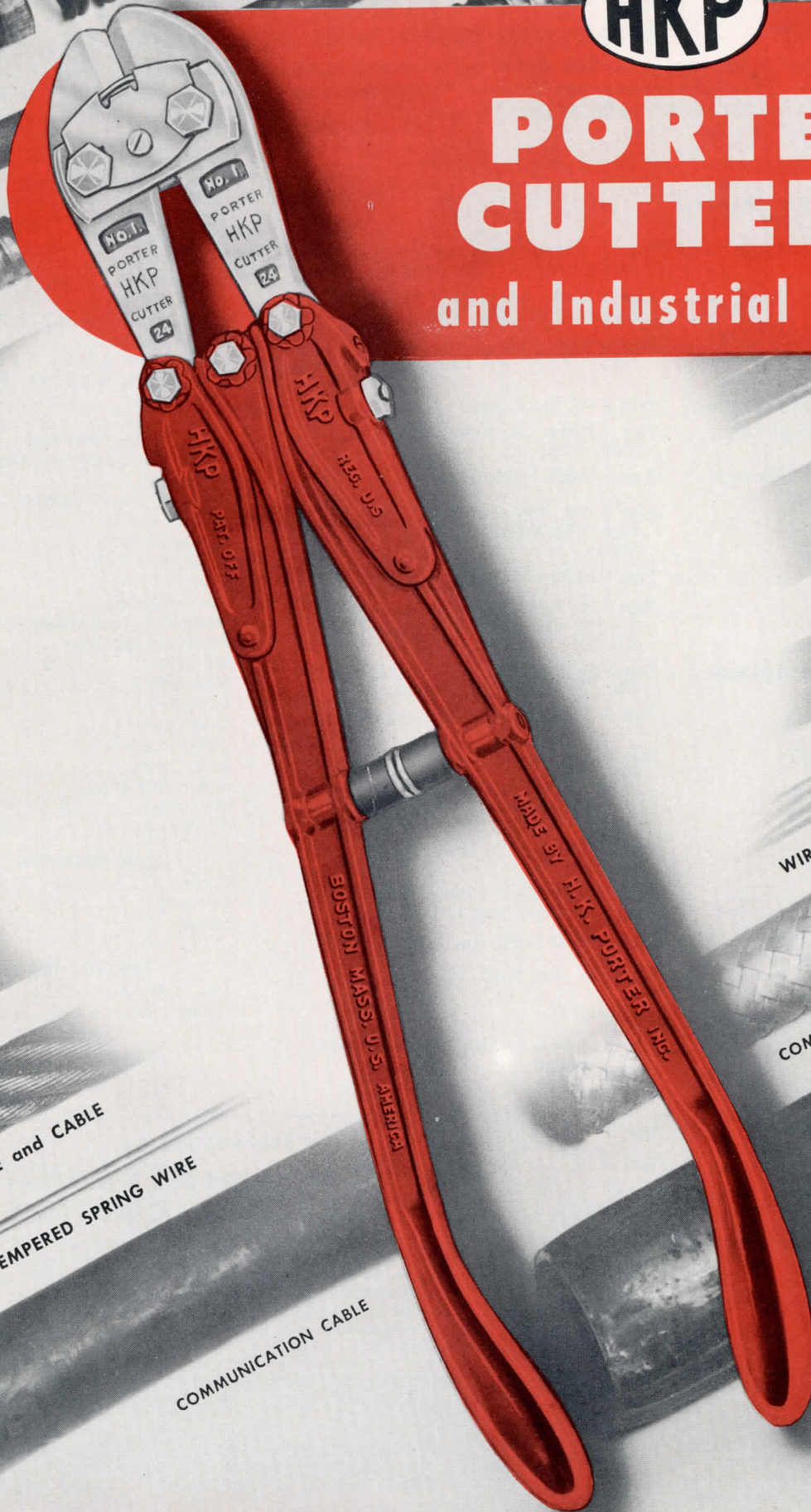




PORTER CUTTERS

and Industrial Tools



H. K. PORTER, INC., Somerville 43, Mass.

INDEX

SELECT THE RIGHT TOOL FOR THE JOB

Note: Read entire left column first to see if material to be cut is mentioned by name. If not, refer to general classification at top of list and determine correct tool. ALSO CHECK LISTING BY TOOL NAMES IN RIGHT HAND COLUMN.

FOR CUTTING

BOLTS, RODS, SCREWS, RIVETS, ETC., SOFT STEEL OR METAL

For CLOSE or FLUSH CUTS ONLY..... Page 3 (Clipper Cut), Page 5 (690A) (No. 1290NE), Page 6 (7190) (7390).

For ALL GENERAL CUTTING..... Page 3 (Center Cut), Page 5 (690C) (1590C), Page 6 (7190) (7390).

For SPECIAL POSITION CUTS..... Page 5 (690A), Page 6 (7190) (7390) (7090C), Page 7 (Angular and End).

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For CLOSE or FLUSH CUTS ONLY..... Page 4 (RE Round Edge).

For ALL GENERAL CUTTING..... Page 3 (Center Cut), Page 5 (1590C), Page 6 (7190) (7390).

For SPECIAL POSITION CUTS..... Page 6 (7090C) (7190) (7390).

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BARS, FLAT

Page 6 (7190) (7390), Page 9 (T Shears).

CABLE, STEEL

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CHAIN

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SPRING WIRE

Page 4 (CR), Page 6 (7190) (7390) (OBHC), Page 7 (Heavy Duty), Page 10 (HC) (CE).

STEEL STRAPPING

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STRIP STOCK

Page 5 (690T), Page 6 (7090T) (7190T) (7390T), Page 9 (T Shears), Page 11 (Strap Shears).

WIRE, BINDING OR BOX

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WIRE, ELECTRIC

Page 3 (C), Page 9 (XC) (FC).

WIRE, HOT

Page 9 (XC) (FC).

WIRE ROPE

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TRIPOD ATTACHMENT

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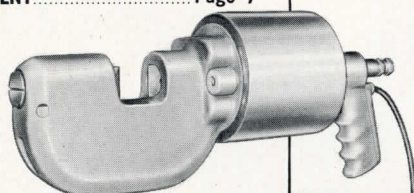
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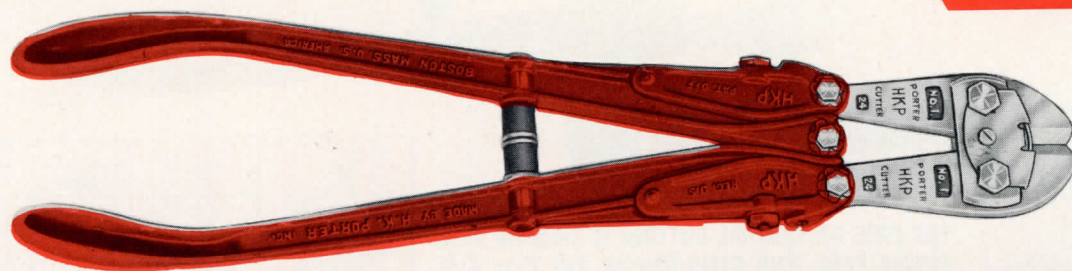
SEND FOR FOLDER ON PORTER ONE HOSE HYDRAULIC ROD AND BAR CUTTERS

The LOW MAINTENANCE cutters that are the favorite of STEEL and WIRE MILLS and CONSTRUCTION COMPANIES for cutting CARBON STEEL, ALLOY STEEL, OIL TEMPERED STEEL, NON-FERROUS RODS and REINFORCING RODS. Available in 3 sizes of cutterheads with capacities up to 1 3/4" steel bars and 4 sizes of Hydraulic Units, all interchangeable, to give you the exact combination to meet your requirements.

H. K. Porter developed and patented the first adjustable bolt and rod cutter employing the toggle power principle over 75 years ago. The original small shop has been replaced successively by larger manufacturing facilities. Shown here is the new modern, spacious plant.



OUR MOST POPULAR TOOL



FOR FREE OR GENERAL CUTTING of Soft or Medium Hard Rods, Bolts, Etc., Alloy Wire and Rods Not Heat-Treated, and Other Medium Hard Steel. Up to Brinell 300, Rockwell C31 Hardness.

CENTER CUT — Sharp Edge

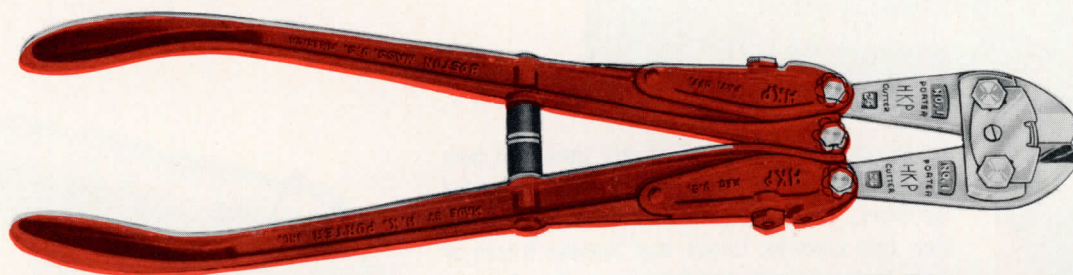
The Center Cut type tools are the most universally chosen for general free cutting of the above materials and many other metals.

As the name implies, the cutting edge is in the middle of the blade with an equal bevel on each side. This provides increased strength and toughness of the edges in long service, when used within the indicated capacities.

Center Cut type of jaws are always recommended where flush cuts are not required. In its larger

Tool No.	Approx. Length	Capacities		Approx. Weight Lbs.
		Med. Hard Bolts In Thread	Med. Hard Metals	
1490 C	14"	5/16"	1/4"	2 7/8
090 C	18"	3/8"	5/16"	4 1/4
190 C	24"	7/16"	3/8"	6 3/4
290 C	30"	9/16"	1/2"	10 1/2
390 C	36"	5/8"	9/16"	14 3/4
590 C	42"	3/4"	5/8"	18

sizes, this is a favorite tool of many industries — in steel mills for rods and wire, in manufacturing, maintenance and construction where it is advantageous to take the tool to the work, rather than the work to the tool. Practically every plant or shop, large or small, can make good use of one or more of these portable, rugged and efficient cutters.

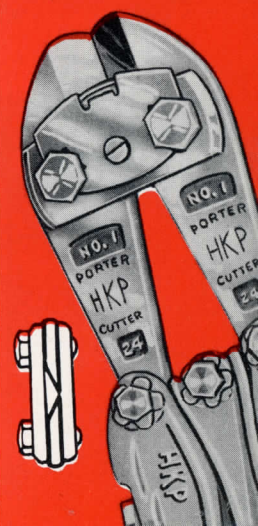


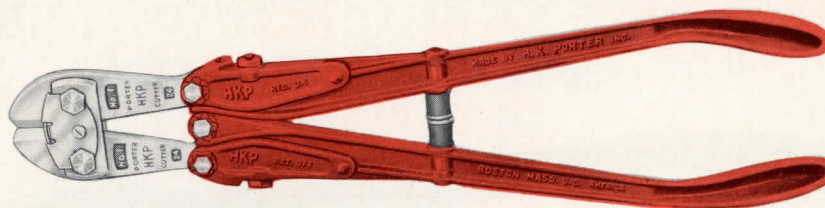
FOR CLOSE CUTTING ONLY of non-ferrous metals and soft steel. Aluminum, Brass, Copper, Wrought Iron, Soft Steel Bolts, Screws, Rivets, Rods, Wire. Up to Brinell 200, Rockwell C15 Hardness.

CLIPPER CUT — Sharp Edge

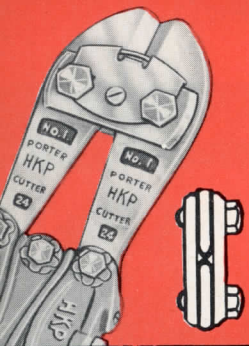
Tool No.	Approx. Length	Capacities		Approx. Weight Lbs.
		Soft Bolts in Thread	Soft Metals	
1490 NE	14"	5/16"	1/4"	2 7/8
090 NE	18"	3/8"	5/16"	4 1/4
190 NE	24"	7/16"	3/8"	6 3/4
290 NE	30"	9/16"	1/2"	10 1/2
390 NE	36"	5/8"	9/16"	14 3/4
590 NE	42"	3/4"	5/8"	18

The Clipper Cut, with blades beveled almost entirely from one side, makes the close, square cut required for trimming projecting ends. This design should be used only for soft metals as indicated above. Cutting edges are in line with the handles. See also 1290NE Cutter, Page 5.





Round Edge — CENTER CUT

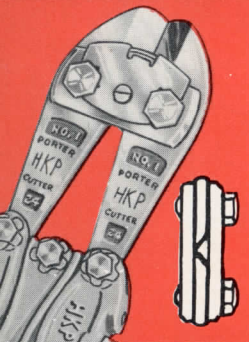


FOR FREE OR GENERAL CUTTING of Concrete Reinforcing Rods, Hard Cable, Chrome Ball Wire, Cold Drawn Alloy Wire, Most Types of Stainless Steel, Tempered Spring Wire. Up to Brinell 400, Rockwell C 42 Hardness.

The Center Cut with slightly rounded cutting edges and equal bevels on each side of jaw blade, plus higher tempered cutting edges, make this an efficient and durable tool for all-around work with the harder metals. It is widely used in many industries — in general construction and demolishing work — and in alloy steel and wire mills. If in doubt, send work samples to be cut and we will recommend the correct tool.

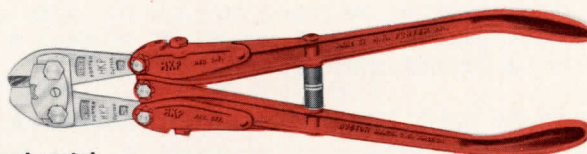
Tool No.	Approx. Length	Capacities Hard Metals	Approx. Weight Lbs.
1490 CR	14"	3/16"	2 7/8
090 CR	18"	1/4"	4 1/4
190 CR	24"	5/16"	6 3/4
290 CR	30"	3/8"	10 1/2
390 CR	36"	7/16"	14 3/4
590 CR	42"	1/2"	18

Round Edge — CLIPPER CUT



FOR CLOSE CUTTING ONLY of Medium hard metals — Alloy Steel Bolts and Similar, Spring Steel, Unannealed Carbon Tool Steel, Heat-Treated Carbon Steel Bolts Not Case Hardened. Up to Brinell 300, Rockwell C 31 Hardness.

A variation of the Clipper Cut described on page 3, but having jaw edges slightly rounded and a higher jaw temper for use with somewhat harder materials, plus the softer ones cut by the sharp edge clipper cut type.



Tool No.	Approx. Length	Capacities		Approx. Weight Lbs.
		Bolts in Thread	Medium Hard Metals	
1490 RE	14"	5/16"	1/4"	2 7/8
090 RE	18"	3/8"	5/16"	4 1/4
190 RE	24"	7/16"	3/8"	6 3/4

IMPAKDRIVER

to loosen or tighten nuts, bolts, screws.

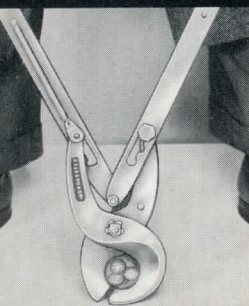


A superior, modern tool which will save both time and money for anyone working with threaded fasteners. The Impakdriver converts a hammer blow into powerful torque that loosens frozen or rusty fasteners with surprising ease. Equally valuable for tightening. This inexpensive tool is needed by mechanics, installation men and craftsmen in assembly, installation, dismantling and repair work. 3/8" drive.



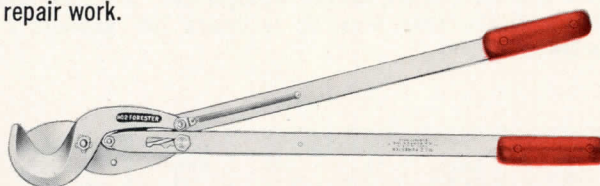
TOOL
NO. 690M

Shear Type — CABLE CUTTER



FOR SOFT CABLE ONLY. Light, Power and Communication Cables having high insulation content — Not advised for cable with high percentage of copper wires. Up to Brinell 200, Rockwell C 15 Hardness.

Passing blades cut cleanly leaving no frayed or flattened ends. Tool has slots for increasing cutting power up to 80%. For regular or telephone inside cable, fine strand unarmored conductors, armored and stranded copper conductors.

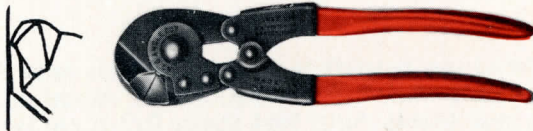


Tool No.	Approx. Length	Capacity Armored Copper Cable	Approx. Weight Lbs.
290 FH	27"	1 3/8"	4 5/8
390 FH	34"	1 3/4"	7 1/4

These 3 HandKliP Cutters feature toggle-action power in lightweight, one-hand form — steel handles with tough, durable plastic coating.

**PORTER
CUTTERS**

5.

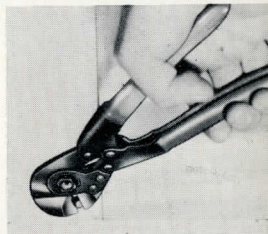


Angular Cutter — **HANDKLIP 690 A**

FOR CLOSE CUTTING ONLY of small soft metals, Soft Wires, Rods, Bolts, Form Wires, Cotter Pins and Similar. Up to Brinell 200, Rockwell C 15 Hardness.

Clipper Cut type cutting edges off-set at 30° angle to handle line — ideal for close-quarter work, with work always in plain view. Heads of tough tool steel, drop-forged and heat-treated — an indispensable tool for a wide range of industries and popular in the home workshop.

Tool No.	Approx. Length	Capacity		Approx. Weight Lbs.
		Soft Bolts in Thread	Soft Rods	
690 A	9"	1/4"	3/16"	13 oz.



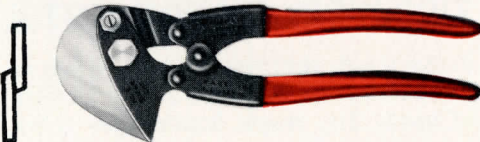
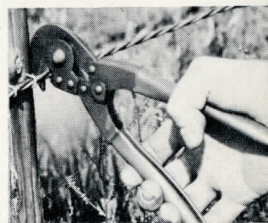
Wire Cutter — **HANDKLIP 690 C**

Center Cut

FOR FREE OR GENERAL CUTTING of small medium hard metals, Wires, Cables, Rods, Bolts, Baling Wire, Etc., Up to Brinell 300, Rockwell C 31 Hardness.

Tool No.	Approx. Length	Capacity			Approx. Weight Lbs.
		Soft Wire Rope	Soft Bolts in Thread	Soft Rods	
690 C	9"	3/16"	1/4"	3/16"	13 oz.

A cutter with sharp edged jaws with the parrot-beak jaw feature to quickly locate the material for easy cutting, prevents wire from slipping, ideal for pulling staples. One-hand operated, yet rugged enough for innumerable industrial jobs and use on farm, construction, mine, railroad work.

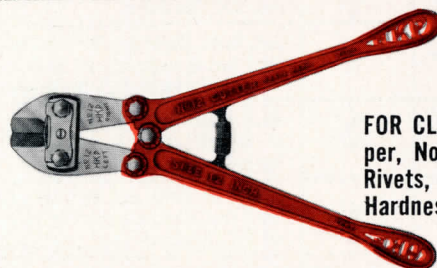
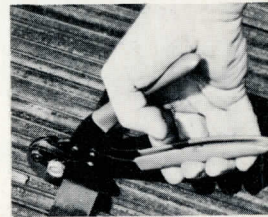


Shear Cutter — **HANDKLIP 690 T**

FOR CUTTING LARGE FLAT OR ROUND Steel Strapping Wire, Steel Strapping, Wire Binding, Freight Load Straps, and Similar. Up to Brinell 300, Rockwell C 31 Hardness.

Shear cut jaws and unusual design make this tool as handy as it is powerful. Adjustment screw gives correct shearing action at all times. The pointed top cutting jaw hooks easily under tight strapping or wire, and cuts without damage to container or contents. A "must" for every shipping and receiving department in plant, warehouse, store, shop, restaurant.

Tool No.	Approx. Length	Capacity	Approx. Weight Lbs.
		Steel Strapping	
690 T	9"	.035" x 1 1/4"	14 oz.



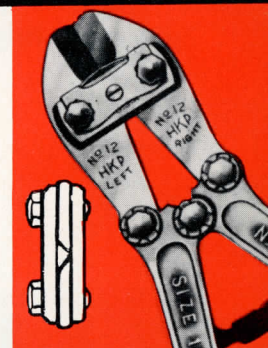
Farm, Home, Shop — **UTILITY CUTTER NO. 1290 NE**

FOR CLOSE CUTTING ONLY of soft metals, Aluminum, Brass, Copper, Non-ferrous Metals, Wrought Iron, Soft Steel Bolts, Screws, Rivets, Rods, Nails, Wire, Etc. Up to Brinell 200, Rockwell C15 Hardness.

Tool No.	Approx. Length	Capacity	Approx. Weight Lbs.
		Soft Bolts in Thread	
1290 NE	12"	1/4"	1 1/2

close cutting of soft bolts, screws, nails, rods, within its range. Has the same powerful toggle action as the larger cutters. Jaws may be adjusted for wear by shortening buffer pins.

A real "Utility" Cutter! The handiest cutter ever made for comparatively light work in small shop, farm or home handyman jobs. Clipper Cut style only. Tool kit size. The most efficient tool for untempered wire, fencing and other soft materials.



UTILITY CUTTER NO. 1590 C

FOR FREE OR GENERAL CUTTING OF Soft or Medium Hard Rods, Bolts, etc., Alloy Wire and Rods not heat-treated up to Brinell 30, Rockwell C31 Hardness.

Has Center Cut type jaws for general or free cutting of the above materials. Should be used only for soft or medium hard metals. Cutting edges are in line with the handles.

Tool No.	Approx. Length	Capacity	Approx. Weight Lbs.
		Soft Metals	
1590 C	15"	1/4"	1 3/8 lbs.



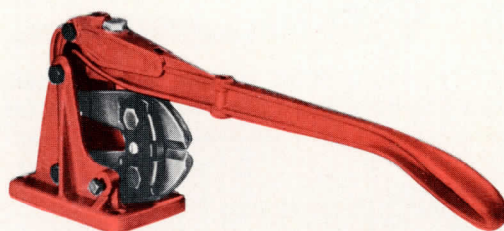
Here, for the first time, is a complete line of Work Station Cutters, available in three sizes, for the frequent or continuous cutting of such metals as Hard Bolts, Spring Wire, Rods, Chains, Bars, Wire Rope, Cable or any other metal, up to 1/2" diameter. Porter Work Station Cutters give you a wide choice of time-saving, money-saving, work-saving metal cutters which can increase the metal-cutting capacities of one man up to 300% with a corresponding saving of man hours. In most cases these tools are furnished with center-cut jaws for simple metal cutting, but they are also available with a wide selection of cutter

heads for various materials as shown on the table below. Special cutting heads can be designed to fit unusual or specific requirements. Porter Work Station Cutters can be fastened securely to either bench or work station for permanent installation. As they utilize hand power only and are independent of outside power sources, they can be bolted to a plank and carried directly to the job, anywhere, at any time. The handle pulls toward operator with easy, powerful action, leaving one hand free at all times for continuous feeding of stock. Cutting operation is always in full view of operator.



7090 WORK-STATION CUTTER

Made with three types of cutter heads — see table below. Base 2 3/4" x 6", length of handle 16 1/4", Weight approximately 5 1/2 lbs.



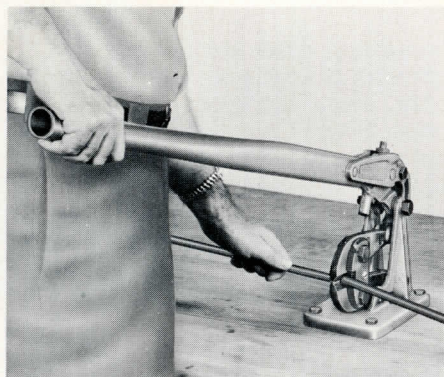
7190 WORK-STATION CUTTER

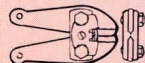
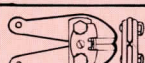
Available with eight types of cutter heads as listed on table below. Base 3" x 6"; Length of handle 21", Weight Approximately 8 lbs.

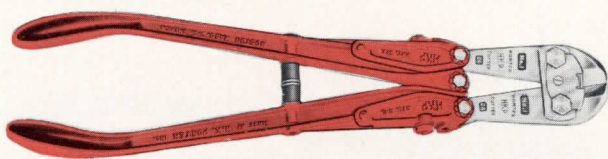


7390 WORK-STATION CUTTER

Available with nine types of cutter heads as listed on table. Base 5" x 8"; Length of handle 34"; Weight approximately 20 lbs.



TYPE	Tool No.	Handle Length	Capacity	Materials	Approx. Weight Lbs.
	7090C 7190C 7390C	16 1/4" 21" 34"	5/16" 3/8" 1/2"	Soft or Medium Hard Rods, Bolts and Bars up to Brinell 300, Rockwell C31 Hardness	5 1/2 lbs. 8 lbs. 20 lbs.
	7190NE 7390NE	21" 34"	3/8" 1/2"	Soft Rods, Bolts and Bars (where flush cut is required) up to Brinell 200, Rockwell C15 Hardness	8 lbs. 20 lbs.
	7190CR 7390CR	21" 34"	5/16" 3/8"	Hard Rods and Spring Wire up to Brinell 400, Rockwell C42 Hardness	8 lbs. 20 lbs.
	7190RE	21"	3/8"	Soft Rods, Bolts and Bars (where flush cut is required) up to Brinell 300, Rockwell C31 Hardness	8 lbs.
	7090T 7190T 7390T	17" 21" 34"	up to 14 gg. x 2 1/2" wide 1 1/4" x 7/32" 1 7/16" x 1/4"	Flat Bars and Strip Steel up to Brinell 400, Rockwell C42 Hardness	6 lbs. 8 lbs. 20 lbs.
	7190TN 7390TN	21" 34"	3/8" 1/2"	Wire Rope or Cable up to Brinell 400, Rockwell C42 Hardness	8 lbs. 20 lbs.
	7190E 7390E	21" 34"	3/8" 1/2"	Soft Rods, Bolts and Bars up to Brinell 200, Rockwell C15 Hardness	8 lbs. 20 lbs.
	7090HC 7190HC 7390HC	16 1/4" 21" 34"	1/4" 5/16" 3/8"	Hard Chain up to Brinell 440, Rockwell C46 Hardness	5 1/2 lbs. 8 lbs. 20 lbs.
	7390HD	34"	3/8"	Hard Rods and Spring Wire up to Brinell 400, Rockwell C42 Hardness	20 lbs.
	7390CE	34"	1/4"	Hard Steel up to Brinell 500, Rockwell C50 Hardness	20 lbs.

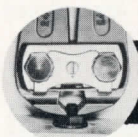
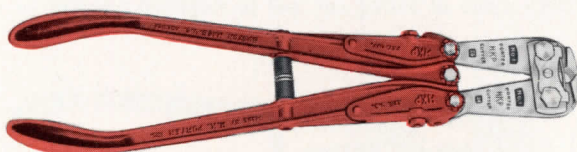
**Sharp Edge — ANGULAR CUT**

Tool No.	Approx. Length	Capacities		Approx. Weight Lbs.
		Soft Bolts in Thread	Soft Metals	
1490 A	14"	5/16"	1/4"	3 1/8
190 A	24"	7/16"	3/8"	7
390 A	36"	5/8"	9/16"	15

FOR CLOSE CUTTING ONLY FROM 30° ANGLE of Aluminum, Brass, Copper, Wrought Iron, Soft Steel Bolts, Screws, Rivets, Rods, Stranded Wire. Up to Brinell 200, Rockwell C 15 Hardness.

For close cutting — with handles at a 30° angle to the jaw cutting edges — no interference by

head assembly straps and keeps operator's hands away from work surface. Useful for cutting close against large surfaces — walls, floors, ceilings — and particularly trimming concrete form wires, or splice-ends of wire rope.

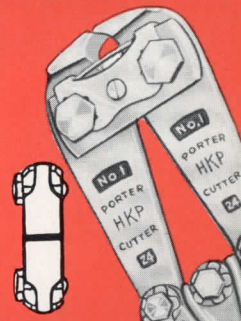
**Nipper Edge — END CUT**

Tool No.	Approx. Length	Capacities		Approx. Weight Lbs.
		Soft Bolts in Thread	Soft Metals	
1490 E	14"	5/16"	1/4"	3
190 E	24"	7/16"	3/8"	6 7/8
390 E	36"	5/8"	9/16"	14 5/8

FOR CLOSE CUTTING ONLY — "Head-on" of Aluminum, Brass, Copper, Wrought Iron, Soft Steel Bolts, Screws, Rivets, Rods, Wire. Up to Brinell 200, Rockwell C 15 Hardness.

For close or flush cutting only from "head-on"

position. Cutting edges at right angles to the handles, useful in trimming bolt ends, etc., in ship-building, sheet metal, automotive and structural work. Excellent for cutting directly overhead or on the floor.

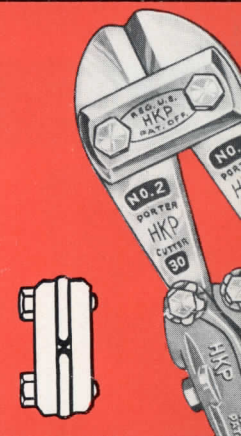
**HEAVY DUTY — Round Edge**

Tool No.	Approx. Tool Length	Hard Bolts in Thread	Hard Stranded Cable Stranded Guy Wire	Hard Metals	Approx. Weight Lbs.
290 HD	30"	9/16"	7/16"	3/8"	11 1/4
390 HD	36"	5/8"	1/2"	7/16"	16
590 HD	42"	3/4"	5/8"	1/2"	19 1/2
590 JN	42"	3/4"	5/8"	5/8"	28
590 JO	42"	3/4"	5/8"	5/8"	40

FOR FREE OR GENERAL HEAVY CUTTING of Hard Metals, Concrete Reinforcing Rods, Hard Wire Rope, Chrome Ball Wire, Cold Drawn Alloy Steel, Stainless Steel, Tempered Spring Wire. Up to Brinell 400, Rockwell C 42 Hardness.

One of the most rugged Porter Cutters, the cutter-head has heat-treated, heavy forged straps for extra support and to resist abuse. Straps are also ground and recessed with grease pockets to minimize friction. Handles on #590 Size are All Steel.

Jaws are hard-tempered, center cut type with rounded cutting edge. Jaw bolts are special alloy steel. All parts are designed for cutting large size bolts, rods and hard cable — as required by steel mills, construction companies and other heavy industries. Tool should be adjusted with jaws slightly open when handles are closed — this results in 25% easier cutting.

**TRIPOD**

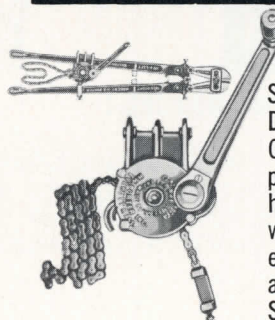
The Tripod Attachment used with the Powerpull greatly increases efficiency by placing work at a convenient level. Easily attached and removed. The combination of the No. 590HD (above) or the No. 590CL (Page 8) with the Powerpull and Tripod provides the most efficient high capacity, portable hand cutter on the market. Weight only 12 lbs.

**POWERPULL and TRIPOD ATTACHMENTS**

for extra power with less effort on heavy or continuous cutting

POWERPULL

Since the capacity of the No. 590HD Heavy Duty Cutter above and the No. 590CL Cable Cutter (Page 8) go beyond average hand power, the Powerpull increases the power on heavy or continuous cutting work. Equipped with crank, reduction gear and chain sprocket — makes cutting quicker, easier, cheaper and reduces fire hazard. Weight 8 1/2 lbs. See 590JN above.



The designs and sizes of Porter Cable Cutters are so complete that they are widely used by power companies, in elevator work, shipbuilding, harbor installations and lumbering operations — or anyone who sells or uses cables.

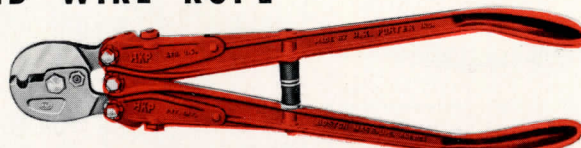
FOR STEEL CABLE AND WIRE ROPE

STEEL CABLE CUTTERS



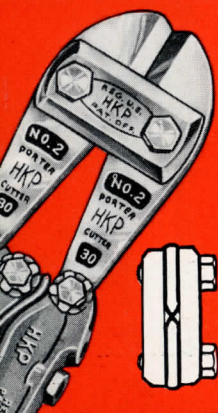
FOR FREE OR GENERAL CUTTING of all soft or hard steel cable or wire rope up to capacities shown. Excellent for ACSR Cable, Soft Wire Rope and Cable, Hard Wire Rope, Stranded Guy Wire, Improved Plow Steel Up to Brinell 400, Rockwell C 42 Hardness.

Cutting edges pass each other for complete shear action and cuts coarse or fine stranded material easily and cleanly. The jaws are notched to lock cable in during cut and to minimize crushing or deforming the cable.



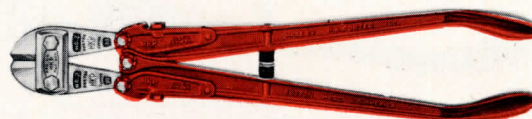
Tool No.	Approx. Length	Capacities Wire Rope and Cable	Approx. Weight Lbs.
1490 TN	14"	1/4"	3
190 TN	24"	3/8"	6 1/2
390 TN	36"	5/8"	14 1/2
590 TN	42"	3/4"	17 1/2

CABLE CUTTERS—Center Cut



FOR FREE OR GENERAL CUTTING of soft to medium-hard coarse stranded wire rope or cable. Stranded Guy Wire, Wire Rope, Wire Cable. Up to Brinell 300, Rockwell C 31 Hardness.

In addition to wire rope, these cutters are used for certain types of heavy electric power cable, using center cut jaws so adjusted that cutting edges meet to cut strands cleanly. Have extra heavy straps to keep jaws in line. Recessed grease pockets minimize friction. See Page 7 for information on Powerpull and Tripod attachments.



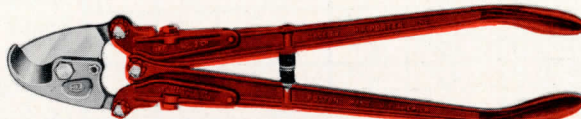
Tool No.	Approx. Length	Capacities		Approx. Weight Lbs.
		Soft Wire Rope & Cable	Hard Wire Rope & Cable	
590 CL	43"	7/8"	3/4"	20 1/2
590 JG	43"	7/8"	3/4"	29

590 JG is tool with Powerpull

Special Shear—CABLE CUTTER



FOR COPPER AND ALUMINUM CABLE

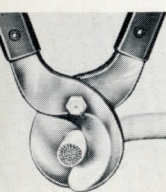


FOR FREE OR GENERAL CUTTING of soft, non-steel cable. Cuts Copper and Aluminum Cable Only. Do not use on ACSR cable. See TN Cutters top of page.

Tool No.	Approx. Length	Capacity Copper or Aluminum Cable	Approx. Weight Lbs.
290 CN	30"	1 3/8" O.D.	9 1/2

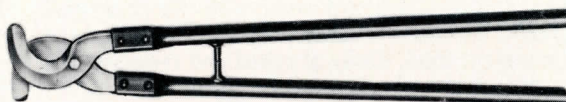
This special Shear Cutter is designed for cutting power cables, insulated or otherwise, up to its rated capacity. Jaws pass each other for clean cutting. A tool especially needed by every company making, selling or using copper or aluminum cable.

Lead Sheathed—CABLE CUTTERS



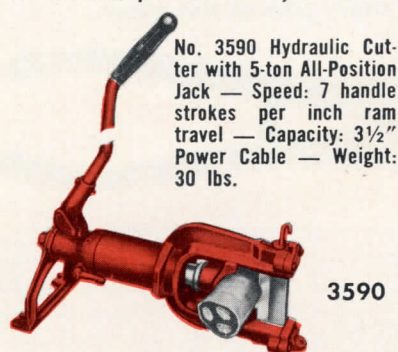
FOR LEAD-SHEATHED COMMUNICATION CABLE.

Passing jaws for shear action minimize crushing cable and inside wires. Alloy tool steel head, drop-forged and heat-treated, holds a wear-resisting edge. A 15" extension handle #303CS can be attached to tool #390CS to obtain extra leverage.



Tool No.	Approx. Length	Capacity		Approx. Weight Lbs.
		Communication Cable	Insulated Stranded Copper Wire	
190 CS	23 1/2"	1"	375,000 Circular Mils	5 1/4
390 CS	37"	2 1/4"	750,000 Circular Mils	10 3/4

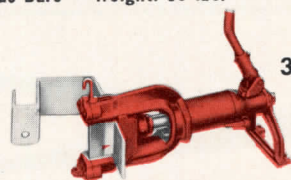
Porter-engineering skill is constantly being applied to special use cutters, such as the powerful Hydraulic Cable Cutter and Bus Bar Bender.



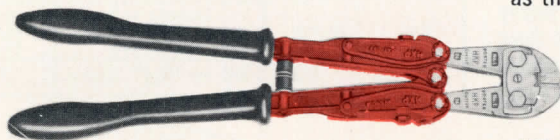
No. 3590 Hydraulic Cutter with 5-ton All-Position Jack — Speed: 7 handle strokes per inch ram travel — Capacity: 3½" Power Cable — Weight: 30 lbs.

3590

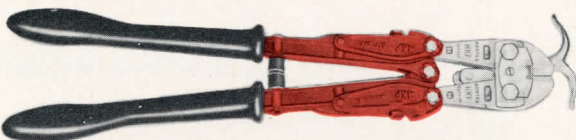
No. 3590B Hydraulic Bus Bar Bender with 5-ton All-Position Jack — Speed: 7 handle strokes per inch ram travel — Capacity: 4" x ¾" Bus Bars — Weight: 30 lbs.



3590B

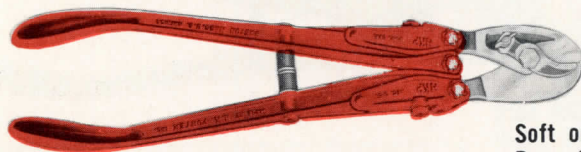


Tool No.	Approx. Length	Capacity Solid Copper Wire	Jaws Open	(Approx.) Weight Lbs.
090 XC	19"	5/16"	5/8"	4 1/2
190 XC	25"	3/8"	3/4"	7 3/4
290 XC	31 1/2"	1/2"	7/8"	11 3/4
390 XC	37"	5/8"	1"	17



Tool No.	Approx. Length	Capacity Solid Copper Wire	Jaws Open	Approx. Weight Lbs.
090 FC	21 1/4"	5/16"	5/8"	5
190 FC	27"	3/8"	3/4"	8
390 FC	39"	5/8"	1"	18

most new pieces of apparatus. Tools have same characteristics of Electric Wire Cutter described above, with insulated handles — plus an automatic groping hook which guides wire into jaw-opening, in darkness or smoke. Individually tested at factory to 20,000 volts.

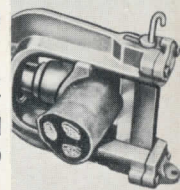


Tool No.	Approx. Length	Capacities Flat Bars Strip Steel	Approx. Weight Lbs.
1490 T	14"	7/8" x 5/32"	2 3/4
190 T	24"	1 1/4" x 7/32"	6 1/4
390 T	36"	1 1/2" x 9/32"	13 1/2

HYDRAULIC CABLE CUTTER

Lead-Sheathed Power Cables, Communication Cables, Lead Sheathed Cables up to 3000 MCM — Except Submarine Cable. **EXCELLENT FOR SALVAGE WORK.**

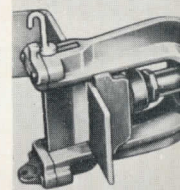
Light and portable, with jack handle hooked for carrying, this powerful cutter is for large communication and power cables up to 3½" diameter. Power a-plenty easily applied with the 10,000 lb. Porter self-retracting Hydraulic Jack. No stooping — operates from any position.



HYDRAULIC BUS BAR BENDER

For Bending Bus Bars and Similar up to 4" Wide by ¾" Thick.

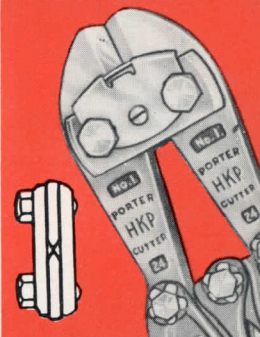
Easily portable with jack handle hooked for carrying, the powerful Bus Bar Bender saves carrying the work to the machine. Quick and efficient for bending bus bars and similar stock for switchboard and generating station installations. Has the same 10,000 lb. Porter Hydraulic Jack Power as the Cable Cutter.



ELECTRIC WIRE CUTTERS — Insulated Center Cut

FOR FREE OR GENERAL CUTTING of insulated and soft to medium hard "live" wires. Copper Wire, Medium Hard Steel Wire. Up to Brinell 300, Rockwell C 31 Hardness.

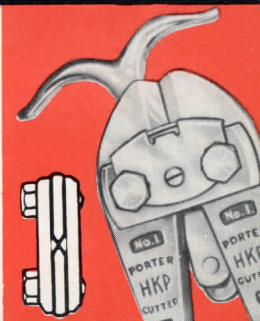
A favorite with most utility companies and Civilian Defense Units. Jaws are center cut type. Handles covered with hot-molded insulation of special semi-hard rubber, (Cohardite) providing maximum toughness, high dielectric strength, and resistance to oxidation and chemicals. Each tool individually tested at the factory to 20,000 volts.



FIREMAN'S CUTTERS — Insulated

FOR FREE OR GENERAL CUTTING of insulated and soft to medium hard "live" wires. Copper Wire, Medium Hard Steel Wire. Up to Brinell 300, Rockwell C 31 Hardness.

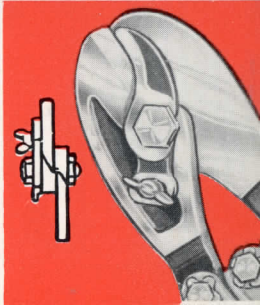
Primarily designed for fire departments and used by practically all of them. Original equipment on



SHEAR CUTTER — Passing Jaws

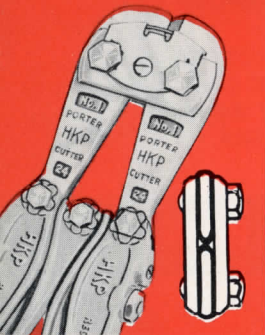
Soft or hard flat bars or strip stock. Flat Steel Bars, Strip Steel, up to Brinell 400, Rockwell 42 Hardness.

Recommended for flat bars and strip stock only. The cutting edges of this tool pass each other as in scissors to make a shear cut. Widely used in strip steel mills, airplane, ship-building, sign erection, and general salvage work.



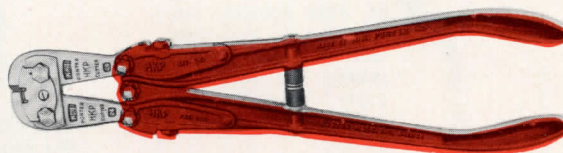
Porter Chain Cutters are recommended for tire, hoist, load, log, towing, trace chain, etc. Be sure to specify which type tool is required. There is also a "right" Porter tool for repairing every size of tire chain.

Center Cut Round Edge — **HARD CHAIN CUTTERS**



FOR FREE OR GENERAL CUTTING of Hard Chain including alloy and case-hardened, Tempered Spring Wire, Case-hardened Bolts and Screws, Hard Rods except stainless. Up to Brinell 440 Rockwell C 46 Hardness.

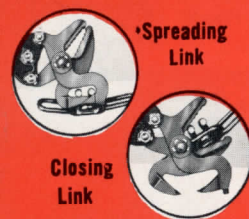
Short-nosed jaws have special rounded cutting edges which crush rather than cut the metal, and are highly tempered for maximum strength and durability. Designed so that only one side of link can be cut at a time to prevent damage to tool.



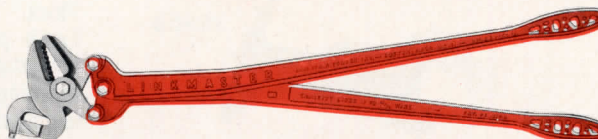
Tool No.	Approx. Length	Cap. Hard Chain and Metals	Approx. Weight Lbs.
190 HC	24"	5/16"	6 3/4
390 HC	36"	7/16"	14 1/2
590 HC	42"	1/2"	18

590 JM same as 590 HC but with Powerpull and Tripod for easier cutting. (see Page 7).

Chain Repair Tool — **LINKMASTER** Truck and Car Chains to 13/32" diameter links

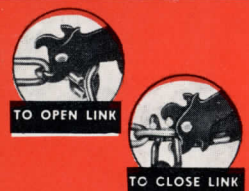


A powerful tool for spreading and closing all tire chain sizes up to its capacity. No carrying heavy chains to workbench — spread chains on floor and do the job standing up. Spreader and closer jaws are tough alloy steel, drop-forged and heat-treated.

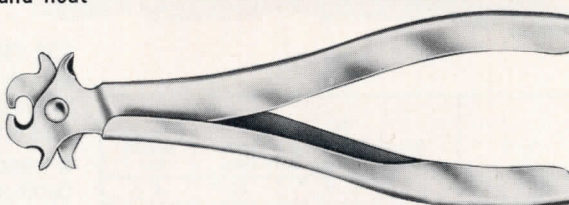


Tool No.	Approx. Length	Capacity To Open or Close Links of Wire Size	Approx. Weight Lbs.
390 LK	30"	Up to 13/32" diam.	7

Chain Repair Tool — **LINKSEM** Passenger and light truck tire chains



Speedy and powerful in action, very rugged, yet light in weight. Ideal for quick chain repair of car and light truck chains up to 5/16" diameter links on the road or in the shop. Individually packed with full instructions on box.

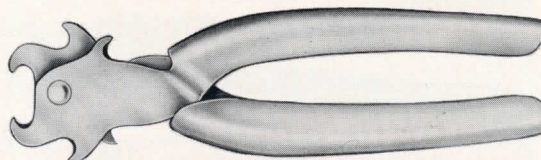


Tool No.	Approx. Length	Capacity	Approx. Weight Lbs.
1390 L	13"	5/16" diam. links	1 1/8 lbs.

Chain Repair Tool — **LINKFIX** All passenger car chains

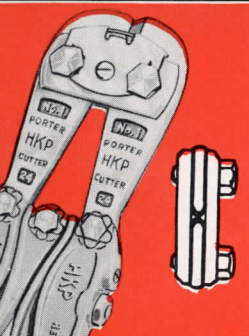


For power, performance and low cost a favorite motorist tool. Spreads and closes links easily, removes broken cross links on the tire preventing damage to tire or fender. Individually packed with complete instructions on box.



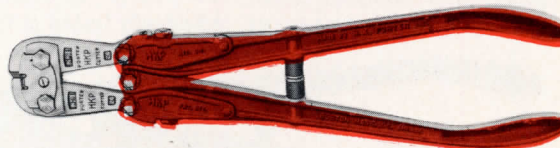
Tool No.	Approx. Length	Capacity	Approx. Weight
690 L	6 3/8"	All Passenger Car Tire Chains	4 oz.

CARBIDE EDGE — Center Cut Round Edge



FOR FREE OR GENERAL CUTTING of EXTRA hard metals. Stainless Steel, Hard Drawn Steel, Heat-Treated Alloy Steel, Rods, Wires, Pins, etc. Up to Brinell 500, Rockwell C 50 Hardness.

For extremely hard metals, this cutter has tough carbide edges firmly brazed to the cutting jaws. An excellent investment for the most severe type of work to which hand cutters are subjected.

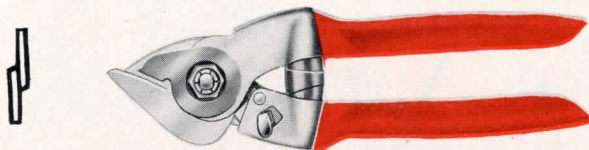


Tool No.	Approx. Length	Capacity Hard Steel	Approx. Weight Lbs.
390 CE	36"	5/16" dia.	14 3/4
590 CE	42"	3/8" dia.	17 3/4

Porter Strap Cutters are a "must" for every Shipping or Receiving Room, Car Loading Concern or anyone who has to cut Flat or Round Steel Strapping. There is a Porter Strap Cutter to meet every requirement.

**PORTER
CUTTERS**

11.

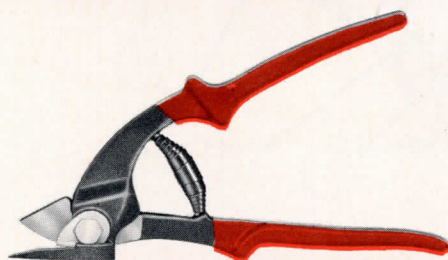
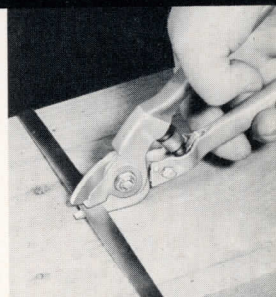


890 T STRAP CUTTER

FOR SMALL OR MEDIUM SIZE FLAT OR ROUND STEEL STRAPPING. Cuts flat steel strapping up to $\frac{3}{4}$ " x .025" and round steel strapping up to 14 gauge (.080"), freight load straps and similar. Up to Brinell 300, Rockwell C 31 Hardness.

Tool No.	Approx. Tool Length	Capacity	Approx. Weight Lbs.
890 T	8"	Flat Strap up to $\frac{3}{4}$ " x .025"	12 oz.
Round Strap up to 14 gauge (.080")			

A pocket-size cutter that feels light and easy in your hand. Sharp-pointed lower jaw SLIPS under strap or wire and it's cut in split seconds. Flat blade means no package damage. Keeper holds straps in jaws when pre-cutting for shipping room use. Notched blade holds wire in jaws. Spring opens jaws and positive thumb-lock keeps jaws closed when not in use.

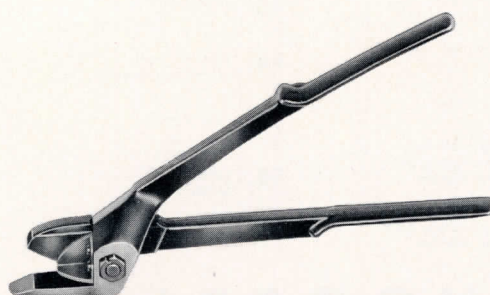
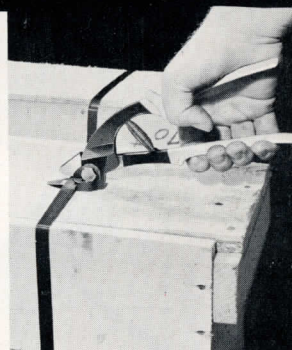


990 T STEEL STRAP CUTTER

FOR SMALL OR MEDIUM SIZE FLAT OR ROUND STEEL STRAPPING. Cuts flat steel strapping up to $\frac{3}{4}$ " x .035 and round steel strapping up to 14 gauge (.080"). Up to Brinell 300, Rockwell C31 Hardness.

Tool No.	Approx. Length	Capacity Flat Strap up to	Approx. Weight Lbs.
990 T	9"	$\frac{3}{4}$ " x .035 Round Strap up to 14 gauge (.080")	1

It's NEW — but already our best seller. A rugged wedge-shape under jaw slips under tightest strap or wire and ZIP!, it's cut. The between-handles spring opens the jaw after each cut. "Cushion comfort" grip means "no blisters."

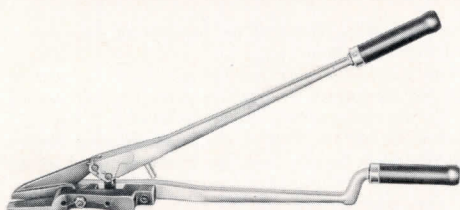


1290 T STEEL STRAP CUTTER

FOR MEDIUM OR LARGE SIZE FLAT STEEL STRAPPING. Cuts flat steel strapping up to $1\frac{1}{4}$ " x .050.

Designed for one hand cutting of flat steel strap, this new tool features easier action with its increased capacity. Special conical pivot bolt design eliminates the need for a spring, minimizing cutting effort, preventing binding and assuring clean, sharp cutting. Special handle grips bring a sure hold and hand comfort. This can be the work horse of your shipping room.

Tool No.	Approx. Length	Capacity		Approx. Weight Lbs.
		Flat Strap	Round Strap	
1290 T	12"	$1\frac{1}{4}$ " x .050		1 lb. 10 ozs.



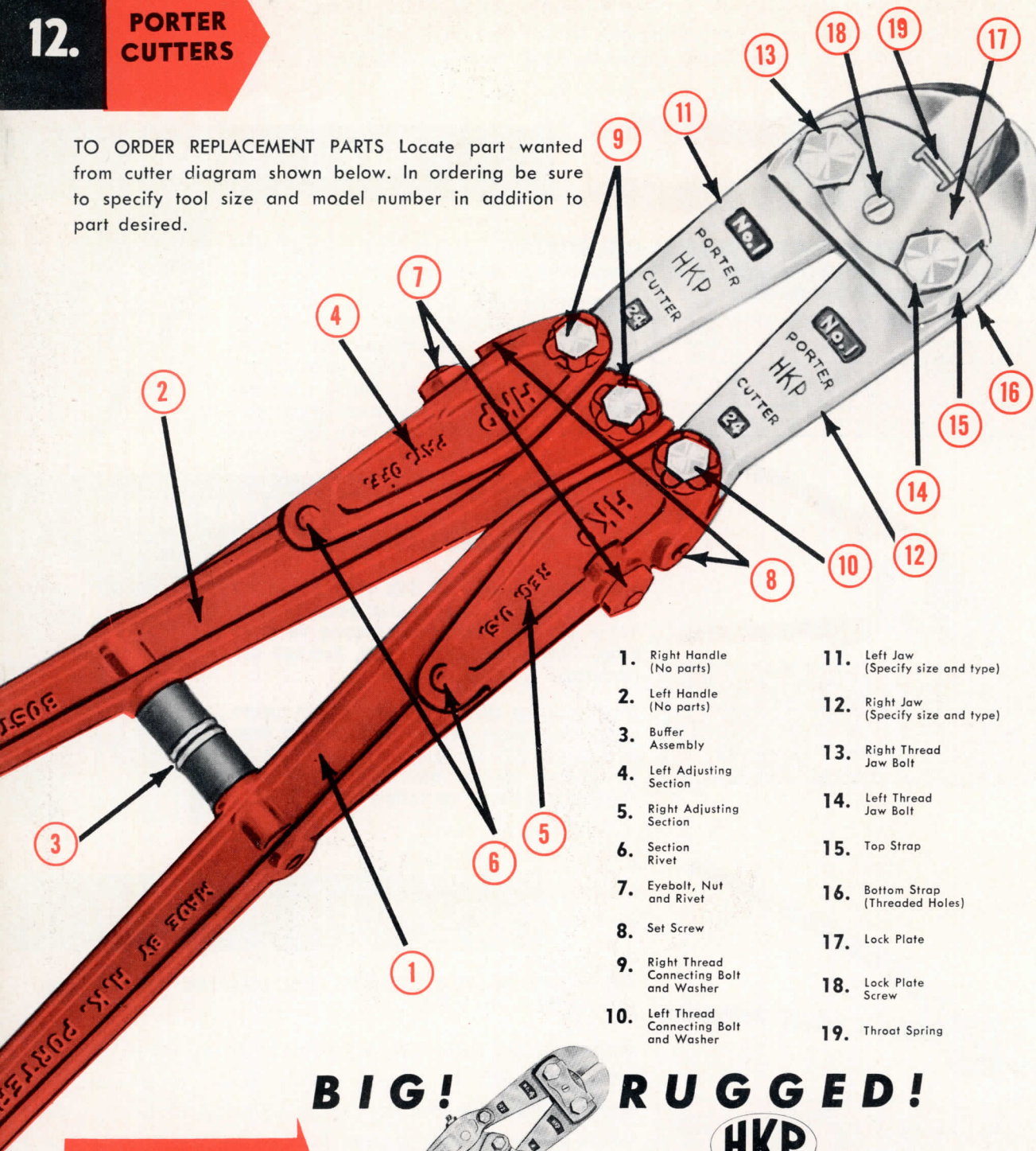
HEAVY DUTY 2690 K STEEL STRAP CUTTER

FOR HEAVY FLAT STEEL STRAPPING. Cuts flat steel strapping up to 2" x .050.

Here is the strap cutter for load-binding or unloading, or on large crates where 2" steel strapping is used. The long handles of this especially designed two-hand strap cutter deliver ample power to handle the toughest strapping. Length of tool enables user to stand at safe distance from cut.

Tool No.	Approx. Length	Capacity Flat Strap	Approx. Weight Lbs.
2690 K	24"	2" x .050	7 lbs.

TO ORDER REPLACEMENT PARTS Locate part wanted from cutter diagram shown below. In ordering be sure to specify tool size and model number in addition to part desired.



- | | |
|--|--|
| 1. Right Handle
(No parts) | 11. Left Jaw
(Specify size and type) |
| 2. Left Handle
(No parts) | 12. Right Jaw
(Specify size and type) |
| 3. Buffer
Assembly | 13. Right Thread
Jaw Bolt |
| 4. Left Adjusting
Section | 14. Left Thread
Jaw Bolt |
| 5. Right Adjusting
Section | 15. Top Strap |
| 6. Section
Rivet | 16. Bottom Strap
(Threaded Holes) |
| 7. Eyebolt, Nut
and Rivet | 17. Lock Plate |
| 8. Set Screw | 18. Lock Plate
Screw |
| 9. Right Thread
Connecting Bolt
and Washer | 19. Throat Spring |
| 10. Left Thread
Connecting Bolt
and Washer | |

BIG! RUGGED!

HKP®

NO. 5 PORTER CUTTERS

WITH ALL-STEEL, HEAT-TREATED HANDLES AND PARTS

Specially Designed for Steel Mills, Construction Companies, and Wherever Heavy or Continuous Cutting is Required.

Built for six types of cutting service — for cutting soft bolts or metals, medium hard and hard rods, for wire rope and cable, these rugged cutters are designed to stand up under the unusual needs of heavy industries.

Every part is made of steel. Jaws, adjusting section, and handle stubs are drop-forged and heat-treated. The heat-treated tubular steel handles will not break or bend under heaviest usage.

Built-in metal stops assure longer jaw life. The drop-forged section with single adjusting screw permits quick and positive adjustment to compensate for jaw wear after long service.

GUARANTEE

All Porter products are guaranteed against any defect in workmanship or material without time limit. Any material claimed defective must be returned to the factory for inspection. Items returned for repair should be sent prepaid.

No. 779 Printed in U.S.A. 11/58

H. K. PORTER, INC. Somerville 43, Mass. U.S.A.